

Missouri Well Installation Board
Department of Natural Resources
Missouri Geological Survey
Geological Survey Program
Wellhead Protection Section
August 22, 2014

Who: Mr. Charles High, Engineering Manger

Company: Earthlinked Technologies Inc.

What: A manufacturer of direct geoechange (DX) systems

Why: Mr. Charles High represents Earthlinked Technologies Company, a manufacturer of direct geoechange (DX) systems. These systems will no longer be allowed for use in Missouri after January 1, 2015. During the development of the heat pump rule, several stakeholder meetings were held. The consensus of the meetings were to not allow DX systems due to pipe corrosion, difficulty in handling and setting copper pipe without damage and the types of refrigerants used. The department did not receive one comment in support of the DX system. There have not been any DX systems installed in Missouri in the last three years and the one company that previously installed a few in Missouri is no longer in business. This information was presented to the Well Installation Board which approved the draft rule that became effective in January 2014. Mr. High will address the Well Installation Board to reconsider the decision to prohibit the use of DX systems in Missouri.